AMENDMENTS TO THE CLAIMS

1-5.   (Canceled)

6.   (Currently Amended)   A solid electrolyte fuel battery, in which a co-sintered interconnector for connecting cells of the solid electrolyte fuel battery comprises a material having a matrix of the general formula $A_{1-x}B_xC_{1-y}D_yO_3$ where A is Ca, Sr or Ba, B is a rare earth element, aluminum or chromium, C is titanium, D is ~~niobium or~~ tantalum, $0 < x \leq 0.2$ and ~~$0 \leq y \leq 0.2$~~ $\underline{0 < y \leq 0.2}$.

7.   (Previously Presented)   The solid electrolyte fuel battery as claimed in claim 6, wherein the current passage of the interconnector is current collection in the vertical direction.

8.   (Currently Amended)   A solid electrolyte fuel battery, in which a co-sintered interconnector for connecting cells of the solid electrolyte fuel battery comprises a material having a matrix of the general formula $A_{1-x}B_xC_{1-y}D_y O_3$ where A is Mg, B is a rare earth element, aluminum or chromium, C is titanium, D is ~~niobium or~~ tantalum, $0 < x \leq 0.2$ and ~~$0 \leq y \leq 0.2$~~ $\underline{0 < y \leq 0.2}$.

9.   (Previously Presented)   The solid electrolyte fuel battery as claimed in claim 8, wherein the current passage of the interconnector is current collection in the vertical direction.

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10-13. (Canceled)

14.   (Currently Amended) A method of making a solid electrolyte fuel battery, in which a co-sintered interconnector for connecting cells of the solid electrolyte fuel battery comprises a material having a matrix of the general formula $A_{1-x}B_xC_{1-y}D_yO_3$ where A is Ca, Sr or Ba, B is a rare earth element, aluminum or chromium, C is titanium, D is ~~niobium or~~ tantalum, $0 < x \leq 0.2$ and ~~$0 \leq y \leq 0.2$~~ $\underline{0 < y \leq 0.2}$, said method comprising:

integrally burning within said battery the interconnector for connecting cells of the solid electrolyte fuel battery.

15.   (Previously Presented) The method of making the solid electrolyte fuel battery as claimed in claim 14, wherein said battery comprises a fuel electrode, an electrolyte, an interconnector and an air electrode laminated onto a substrate.

16.   (Currently Amended) A method of making a solid electrolyte fuel battery, in which a co-sintered interconnector for connecting cells of the solid electrolyte fuel battery comprises a material having a matrix of the general formula $A_{1-x}B_xC_{1-y}D_yO_3$ where A is Mg, B is a rare earth element, aluminum or chromium, C is titanium, D is ~~niobium or~~ tantalum, $0 < x \leq 0.2$ and ~~$0 \leq y \leq 0.2$~~ $\underline{0 < y \leq 0.2}$, said method comprising:

integrally burning within said battery the interconnector for connecting cells of the solid electrolyte fuel battery.

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17.   (Previously Presented)   The method of making the solid electrolyte fuel

battery as claimed in claim 16, wherein said battery comprises a fuel electrode, an

electrolyte, an interconnector and an air electrode laminated onto a substrate.

18.   (Canceled)

19.   (Previously Presented)   The method of claim 14, wherein the current

passage of the interconnector is current collection in the vertical direction.

20.   (Previously Presented)   The method of claim 16, wherein the current

passage of the interconnector is current collection in the vertical direction.

21.   (Canceled)

22.   (Previously Presented)   The method of claim 14, wherein the integrally

burning is performed at a temperature of 1,300 °C to 1,400 °C.

23.   (Previously Presented)   The method of claim 16, wherein the integrally

burning is performed at a temperature of 1,300 °C to 1,400 °C.

24.   (Canceled)

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25.   (Previously Presented)   The solid electrolyte fuel battery as claimed in claim 6, wherein the interconnector is a hermetic interconnector having a relative density of greater or equal to 94%.

26.   (Previously Presented)   The solid electrolyte fuel battery as claimed in claim 8, wherein the interconnector is a hermetic interconnector having a relative density of greater or equal to 94%.

27-30. (Canceled)

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